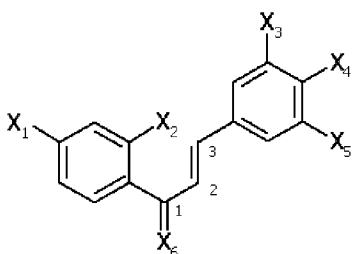


**AMENDMENTS TO THE CLAIMS:**

Please amend the claims as follows:

Claims 1-37. (Canceled)

38. (Currently Amended) A pharmaceutical composition, comprising one or more  
~~, in a pharmaceutically acceptable~~ excipients or vehicles and support, at least one  
substituted 1,3-diphenylprop-2-en-1-one derivative represented by formula (I) below :



(I)

wherein :

X<sub>1</sub> represents a halogen or a -R<sub>1</sub> group or a group corresponding to the  
following formula : -G<sub>1</sub>-R<sub>1</sub>,

X<sub>2</sub> represents a hydrogen atom ~~or a hydroxy group or an unsubstituted alkoxy  
group or a thiol group or an alkylthio group,~~

X<sub>3</sub> represents a -R<sub>3</sub> group ~~or a group corresponding to the following formula:--  
G<sub>3</sub>-R<sub>3</sub>,~~

X<sub>4</sub> represents a ~~halogen or a -R<sub>4</sub> group or a group corresponding to the  
following formula: -G<sub>4</sub>-R<sub>4</sub>,~~

X<sub>5</sub> represents a -R<sub>5</sub> group ~~or a group corresponding to the following formula:--  
G<sub>5</sub>-R<sub>5</sub>,~~

X6 is an oxygen atom ~~or a nitrogen atom, in the case where X6 is a nitrogen atom, it carries a hydrogen atom or a hydroxy group or an alkyloxy group,~~

R1, R3, [[R4, ]]R5, which are the same or different, represent ~~a hydrogen atom or an unsubstituted alkyl group having from one to seven carbon atomssubstituted or not by a substituent which is part of group 1 or group 2 defined hereinbelow,~~

G1, [[G3, ]]G4, [[G5, ]]which are the same or different, represent an oxygen or sulfur atom,

~~with at least one of the groups X1, X3, X4 or X5 corresponding to the formula G- R in which G is a sulfur atom, and~~

~~with at least one of the groups R1, R3, R4 or R5 represents in the form of an alkyl group having from one to seven carbon atoms containing at least one substituent from group 1 or 2,~~

~~the substituents from group 1 are selected in the group consisting of carboxy groups having the formula: -COOR<sub>6</sub> and carbamoyl groups having the formula: -CONR<sub>6</sub>R<sub>7</sub>,~~

~~the substituents from group 2 are selected in the group consisting of sulfonic acid (SO<sub>3</sub>H) and sulfonamide groups having the formula: -SO<sub>2</sub>NR<sub>6</sub>R<sub>7</sub>,~~

~~with R<sub>6</sub> and R<sub>7</sub>, which are the same or different, representing a hydrogen atom or an alkyl group having from one to seven carbon atomssubstituted by at least one group of type 1 or 2,~~

~~with the exception of compounds represented by formula (I) in which:~~

~~X<sub>2</sub> represents a hydrogen atom and X<sub>4</sub> represents -G<sub>1</sub>R<sub>1</sub> where G<sub>1</sub> represents an oxygen atom and R<sub>1</sub> represents CH<sub>2</sub>COOH, and~~

the optical and geometrical isomers, racemates, tautomers, salts and mixtures thereof.

Claim 39. (Cancelled)

Claim 40. (Cancelled)

Claims 41 and 42. (Cancelled)

43. (Currently Amended) The composition according to claim 38 ~~or 39~~, wherein both G<sub>1</sub> and G<sub>4</sub> represent an oxygen-sulfur atom.

Claims 44-47. (Cancelled)

48. (Currently Amended) The composition according to claim 38 ~~or 39~~, wherein X<sub>1</sub> is a -G<sub>1</sub>-R<sub>1</sub> group in which G<sub>1</sub> is an oxygen atom and R<sub>1</sub> is an unsubstituted alkyl group containing from two to seven carbon atoms.

49. (Currently Amended) The composition according to claim 38 ~~or 39~~, wherein X<sub>1</sub> represents a ~~R<sub>1</sub> group~~ or a group corresponding to the formula -G<sub>1</sub>-R<sub>1</sub>, where G<sub>1</sub> represents a sulphur atom and R<sub>1</sub> is an unsubstituted alkyl group containing one or two carbon atomssubstituted by a substituent which is part of group 2 and G<sub>4</sub>.

Claims 50-54. (Cancelled)

55. (Currently Amended) The composition according to claim 38 ~~or 39~~, wherein X<sub>4</sub> is a ~~G<sub>4</sub>-R<sub>4</sub> group in which~~ G<sub>4</sub> is an oxygen atom, and X<sub>3</sub> and[[or]] X<sub>5</sub> respectively represent R<sub>3</sub> ~~or G<sub>3</sub>R<sub>3</sub>, on the one hand, and R<sub>5</sub> or G<sub>5</sub>R<sub>5</sub>, on the other hand, with R<sub>3</sub> and R<sub>5</sub> being alkyl groups having~~ one or two carbon atomsa substituent from group 1.

Claim 56. (Cancelled)

57. (Currently Amended) The composition according to claim 38 ~~or 39~~, wherein X1 represents a halogen.

Claim 58. (Cancelled)

59. (Currently Amended) The composition according to claim 38 ~~or 39~~, wherein X1, X3, X4 ~~or~~ X5 represents -OC(CH<sub>3</sub>)<sub>2</sub>COOR<sub>6</sub> ~~OC(CH<sub>3</sub>)<sub>2</sub>COOR<sub>6</sub>~~.

60. (Currently Amended) The composition according to claim 38 ~~or 39~~, wherein X1, X3, X4 represents -OC(CH<sub>3</sub>)<sub>2</sub>COOH ~~or~~ X5 ~~represents~~ -SC(CH<sub>3</sub>)<sub>2</sub>COOR<sub>6</sub>.

61. (Currently Amended) The composition according to claim 38 ~~or 39~~, wherein the derivative is selected in the group consisting of:

~~1-[2-hydroxy-4-carboxydimethylmethyloxyphenyl]-3-[3,5-di-*tert*butyl-4-hydroxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-ethyloxycarbonyldimethylmethyloxyphenyl]-3-[3,5-di-*tert*butyl-4-hydroxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3-carboxydimethylmethyloxy-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3-isopropyloxycarbonyldimethylmethyloxy-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3-carboxydimethylmethyloxy-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3-isopropyloxycarbonyldimethylmethyloxy-4-hydroxy-5-*tert*butylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3-carboxydimethylmethyl-4-hydroxy-5-  
tertbutylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3-isopropylloxycarbonyldimethylmethyl-4-hydroxy-5-  
tertbutylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3-carboxydimethylmethyl-4-hydroxy-5-  
tertbutylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3-isopropylloxycarbonyldimethylmethyl-4-  
hydroxy-5-tertbutylphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethoxy-4-  
carboxydimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethoxy-4-  
isopropylloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3,5-dimethoxy-4-carboxydimethylmethyloxyphenyl]prop-2-  
en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3,5-dimethoxy-4-isopropylloxycarbonyl  
dimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-carboxydimethylmethyloxyphenyl]-3-[3,5-di-methoxy-4-  
hydroxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-isopropylloxycarbonyldimethylmethyloxyphenyl]-3-[3,5-dimethoxy-  
4-hydroxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3,4-dihydroxy-5-  
carboxydimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3,4-dihydroxy-5-isopropylloxycarbonyldimethylmethyloxyphenyl]-prop-2-en-1-one,~~

~~1-[2-hydroxy-4-carboxydimethylmethyloxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-isopropylloxycarbonyldimethylmethyloxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-chlorophenyl]-3-[3,5-dimethyl-4-isopropylloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[3,5-dimethyl-4-isopropylloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[4-carboxydimethylmethylthiophenyl]prop-2-en-1-one,~~

~~1-[2-hydroxyphenyl]-3-[4-isopropylloxycarbonyldimethylmethylthiophenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-ethoxycarbonyldimethylmethyloxyphenyl]-3-[3,5-ditertbutyl-4-hydroxyphenyl]prop-2-en-1-one,~~

~~1-[2-hydroxy-4-carboxydimethylmethyloxyphenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,~~

1-[4-chlorophenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,  
1-[4-chlorophenyl]-3-[3,5-dimethyl-4-  
isopropylloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,  
1-[4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-  
1-one,  
1-[2-hydroxyphenyl]-3-[4-carboxydimethylmethylthiophenyl]prop-2-en-1-one,  
1-[4-chloro-2-hydroxyphenyl]-3-[4-carboxydimethylmethylthiophenyl]prop-2-en-1-  
one,  
1-[4-carboxydimethylmethyloxyphenyl]-3-[3,5-dimethyl-4-hydroxyphenyl]prop-2-  
en-1-one,  
1-[4-methylthiophenyl]-3-[4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,  
1-[4-carboxydimethylmethylthiophenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,  
1-[2-hydroxy-4-bromophenyl]-3-[3,5-dimethyl-  
4-carboxydimethylmethyloxyphenyl]prop-2-en-1-one,  
1-[4-carboxydimethylmethyloxyphenyl]-3-[4-methylthiophenyl]prop-2-en-1-one,  
1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,  
1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-  
isopropylloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,  
1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-  
2-en-1-one,

~~1-[2-methoxyphenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-methoxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-  
en-1-one,~~

~~1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-  
en-1-one,~~

~~1-[2-methoxy-4-chlorophenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[2-methoxy-4-chlorophenyl]-3-[3,5-dimethyl-4-  
carboxydimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[4-heptylphenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one,~~

~~1-[4-heptylphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-  
1-one,~~

~~1-[4-bromophenyl]-3-[3,5-dimethyl-4-  
tertbutyloxycarbonyldimethylmethyloxyphenyl]prop-2-en-1-one, and~~

~~1-[4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethyloxyphenyl]prop-2-en-  
1-one.~~

62. (Currently Amended) The composition according to claim 38 ~~or 39~~, wherein  
the derivative is selected in the group consisting of:



1-[4-chlorophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-methylthiophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one,

1-[4-hexyloxyphenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one, and

1-[4-bromophenyl]-3-[3,5-dimethyl-4-carboxydimethylmethoxyphenyl]prop-2-en-1-one.

63. (Cancelled)

64. (Cancelled)

65. (Currently Amended) The composition according to claim ~~38 or 39~~, wherein said composition is aimed for the treatment of a pathology related to deregulations of lipid and/or glucose metabolism-.

66. (Canceled)

67. (Cancelled)

68. (Withdrawn – Currently Amended) A method of treatment of pathologies related to deregulations of lipid and/or glucose metabolism comprising administering to a subject a composition as defined in claim ~~38 or 39~~.

69. (Withdrawn – Currently Amended) A method for the treatment of diabetes, atherosclerosis or obesity comprising administering to a subject a composition according to claim ~~38 or 39~~.